June 30, 2001

Command

Commanding Officer CAPT Nancy L. Deitch
Executive Director Mr. Don Bailey

SPAWAR

Systems Center Charleston

Our Mission

We enable knowledge superiority to the warfighter through the development, acquisition, and life cycle support of effective, capable and integrated C4ISR, IT, and Space systems.

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Restructuring: East Coast Naval Electronic Engineering Activities

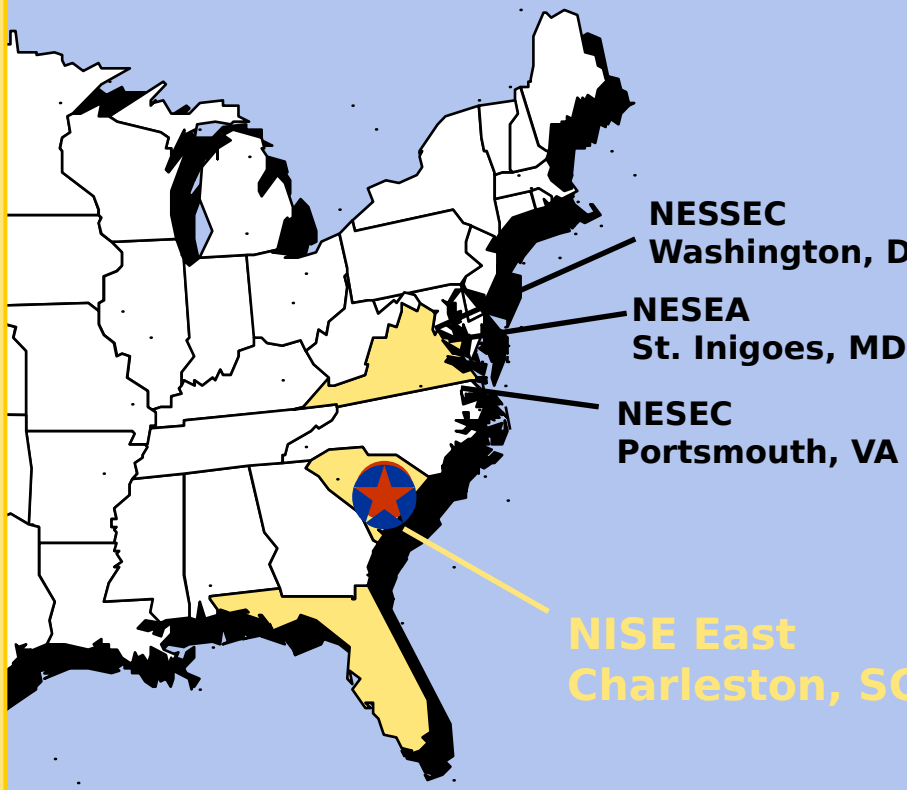
BRAC 1993: ***Consolidated the East Coast Naval Electronic Engineering Activities***

- **NESSEC Washington, DC**
- **NESEA St. Inigoes, MD**
- **NESEC Portsmouth, VA**
- **NISE East Charleston, SC**

Established as NISE East, Charleston -- Jan 1994

NISE East renamed as SPAWAR Systems Center (SSC) Charleston -- Oct 1997

NCTC NWCF East Coast Elements transferred to SSC Charleston -- Feb 2000



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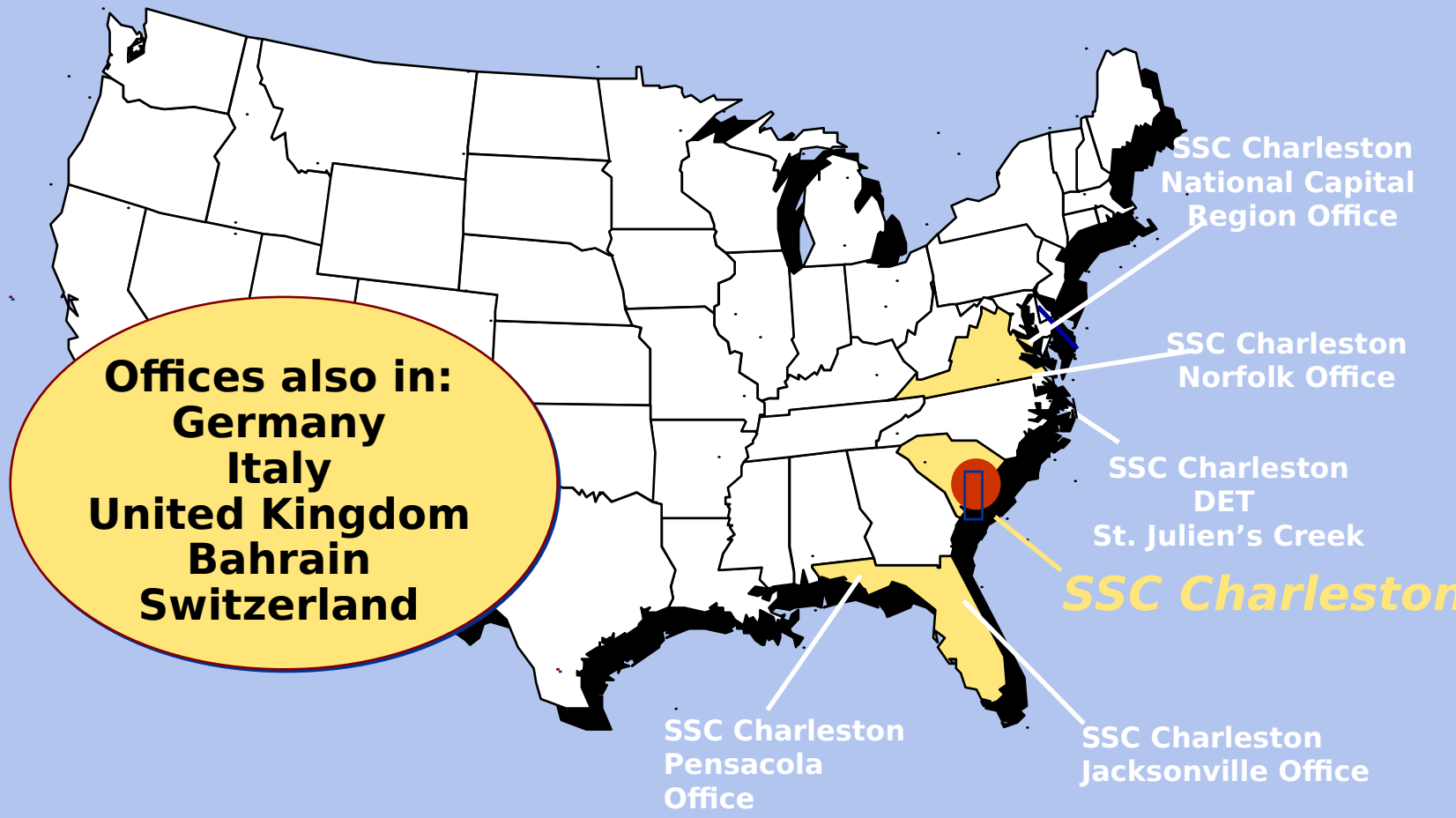
Major Locations



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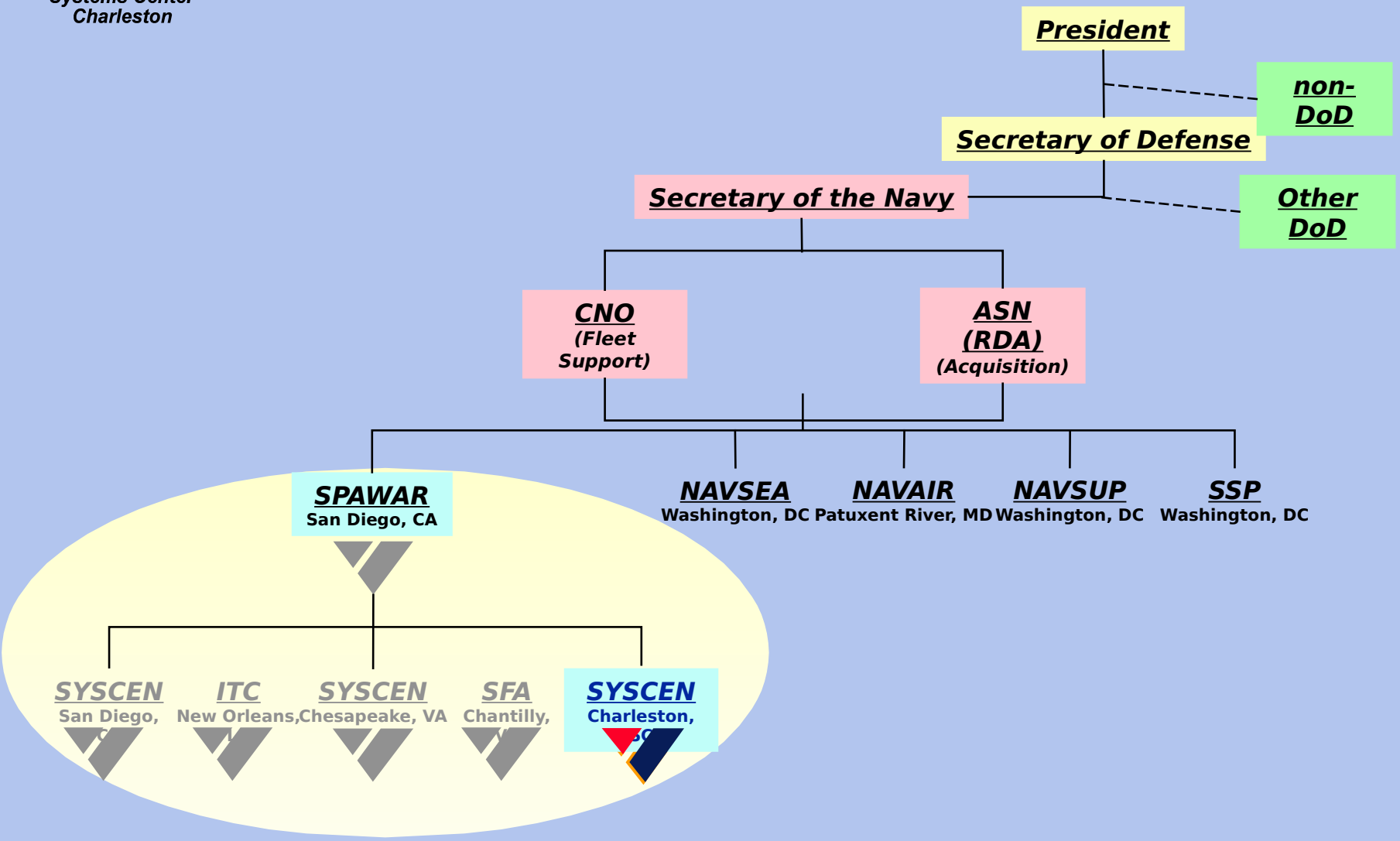
Chain of Command



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Our Expertise

- ☐ Build Ships
- ☐ Build Planes
- ☑ Build "The Network" and its C4ISR Systems

- *Air traffic control*
- *Command & Control*
- *Communications*
- *Cryptologic & Intelligence*
- *Image processing*
- *Meteorology*
- *Navigation*
- *Physical & computer security*
- *Sensors*

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Today's Horizontal Integration: From Interfacing the Product Line -

Excellence Through Teamwork

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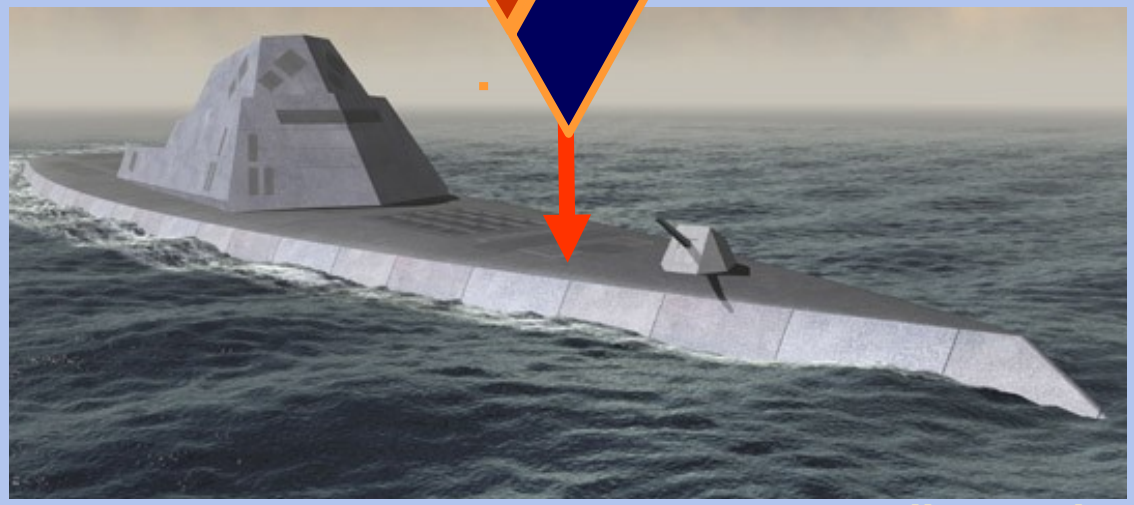
Tomorrow's Horizontal Integration: To Integrating the Product Line

C4ISR/IT Build



Excellence Through Teamwork

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Technical Departments

Our Engineering Expertise is Aligned into Five Technical Departments

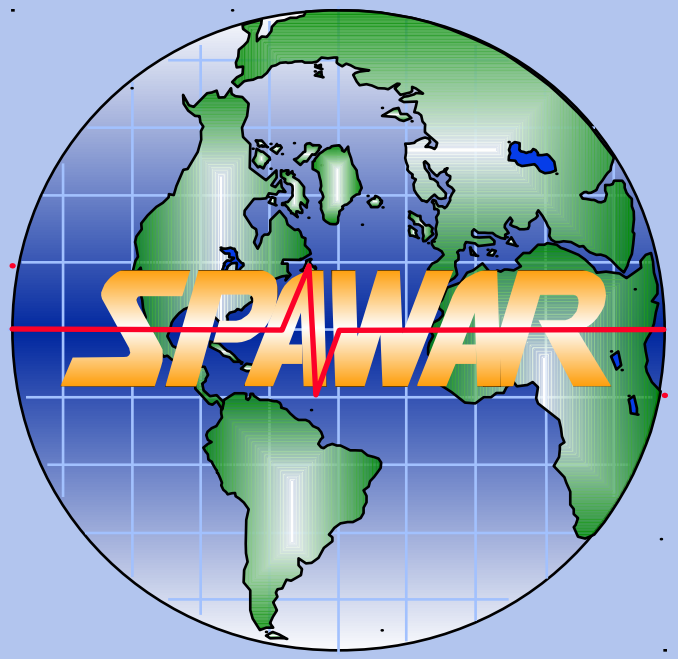
30 ***Surveillance and Systems Engineering***

40 ***Computer Information Technology***

50 ***Communication Systems***

60 ***Command and Control Systems***

70 ***Intelligence & Information Warfare Systems Engineering***



Excellence Through Teamwork

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Surveillance and Systems Engineering

This Department Provides Mission Essential Services from Concept to Post-Deployment Support for Diverse Projects & Customers

- **Radar, Radio Communications & Data Display Systems**
- **Navigation Systems & C⁴ISR Installations**
- **Radiation Detection, Indication & Computation (RADIAC) Program**
- **Integrated Undersea Surveillance System (IUSS) Operations Support**
- **Meteorological Sensor & Display Systems**
- **Environmental Testing & Technical Data Services**

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Computer Information Technology

- ***Applications, Development, Integration, Implementation and Maintenance***
  - **Software Engineering**
  - **Database Design & Administration**
  - **WEB-Enabled Application Design**
  - **COTS Integration**
  - **Legacy System Support & Re-engineering**
  - **Mobile Computing (including PDA) Applications Development**
  - **Workflow Management & Knowledge Management**
  - **Decision Systems Support and Groupware**
  - **Data Warehousing & Mining**
- ***Program Management Support***
  - **Project Management and Consulting**
  - **Documentation and Configuration Management**
  - **Source Selection Evaluation Board Support**
  - **Independent Verification and Validation (IV&V)**
  - **Other inherently Governmental Functions**

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Communication Systems

This Department Engineers, Integrates, Produces and Delivers State-of-the-Art Communications Products in Support of the Warfighter and other Users

- **Telecommunications & Switched Networks**
- **Integrated Networks & Network Management Systems**
- **Network Applications, Services, & Operations**
- **Tactical & Expeditionary Communications**
- **Satellite Communication Systems**
- **Wireless Communication Systems**
- **Advanced Communications**

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Command and Control Systems

This Department designs, develops, acquires, integrates, tests, deploys, supports and upgrades command and control information systems employed by the USN, USMC and Joint Forces, as well as maintains electronic systems

- **Global Command and Control System (GCCS)**
- **GCCS-Maritime**
- **Mobile, Afloat, and Fixed sites**
- **Tactical Data Links**
- **Tactical Decision Aids & Decision Support Systems**
- **Digital and Analog Display Systems**
- **Mechanical Fabrication, Engineering Support & Calibration**

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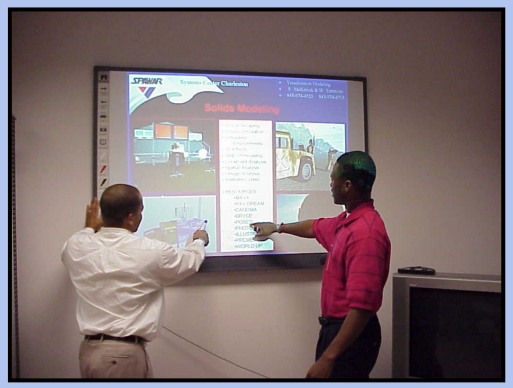
Intelligence and Information Warfare Systems

This Department Provides Systems Engineering, Installation, Software & Logistics Support for Shore, Surface & Submarine Intelligence and Information Systems Worldwide



Signal Exploitation

- Direction Finding & Signal Acquisition
- Intercept & Analysis
- Fixed & Mobile Systems

Information Security (INFOSEC)

- Firewalls and High Assurance Guards
- Communications Security Systems

Intelligence Systems

- Video Teleconferencing
- Secondary Imagery

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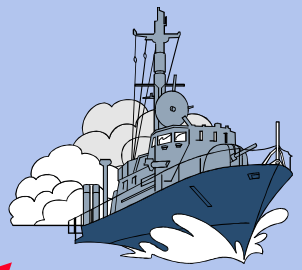
SPAWAR C4ISR Integration Centers

SSC Charleston
East Coast C4ISR Hub

SSC Chesapeake

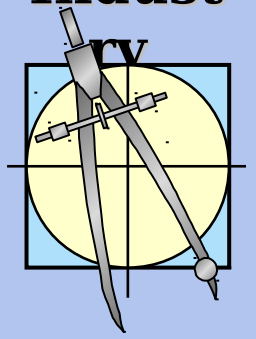
SSC San Diego
West Coast C4ISR Hub

SPAWAR C4ISR
System Integration Environment (SIE)



Fleet

Indust ry



Excellence Through Teamwork

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Funding Sources Comparison By Customer

FY01: $1.6 Billion - *To Date*
FY00: $1.4 Billion

Last update: June 30, 2001

SPAWAR	**48%**	*SPAWAR HQ*	*47%*
		SSC San Diego	*1%*
Other NAVY	**32%**	*NAVSEA*	*7%*
		NAVAIR	*3%*
		Marine Corps	*4%*
		Other Navy	*18%*
Other DOD	**16%**	*Air Force*	*3%*
		Army	*2%*
		DARPA	*1%*
		Foreign Military Sales	*2%*
		Other DOD	*8%*
Other Federal	**4%**	*Other Federal*	*4%*

% are approximate

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Sponsors / Customers

Last update: June15, 2000

- **DoD**
  - SPAWAR
  - NAVSEA
  - NAVAIR
  - MSC
  - MARCORSYSCOM
  - Army
  - Air Force
  - Other Navy/Marine Corps Activities
  - Other DoD (DISA, DARPA, DLA, NIMA)
  - Joint/Unified Commands/Agencies
- **Other Federal Government Agencies**
  - Coast Guard
  - Federal Aviation Administration
  - National Science Foundation
  - Department of Justice (FBI, BOP, INS/US Border Patrol)
  - Department of Treasury (US Secret Service, US Mint)
  - Department of Agriculture
  - Department of Health and Human Services (CDC)
  - Department of State

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Our Business Methods

- We are a Navy Working Capital Fund organization
- We operate on a break-even (nonprofit) basis
- We receive “no direct appropriated funds”
- Like the private sector, we earn our money from our customers
  - Customers pay a “burdened” rate for our labor
  - Burdened rate includes overhead to pay for business operations
- Must control costs to keep rates low and stay competitive
- Have to market our services, satisfy our customers, and keep an eye on the bottom line

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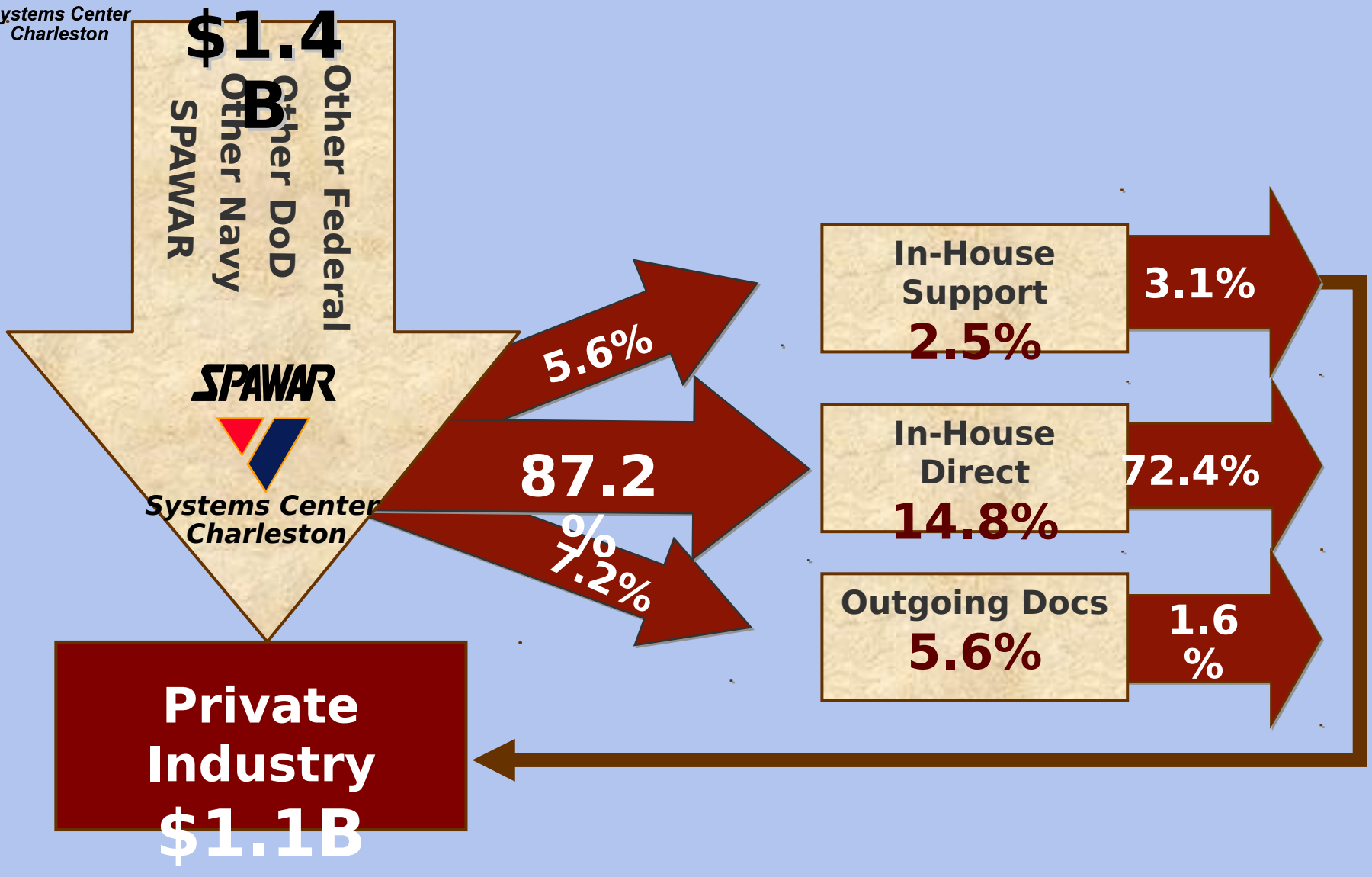
FY-00 Funding Flow



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Contracting Capability

Last update: January 31, 2000

- **Unlimited Contracting Authority**
- **Use Full Spectrum of Contract Types and Techniques**
  - **Cost Plus Fixed Fee (CPFF)**
  - **Cost Plus Award Fee (CPAF)**
  - **Time and Material (T&M)**
  - **Best Value**
  - **Multiple Award**

- **Active Contracts are valued in excess of $2B**

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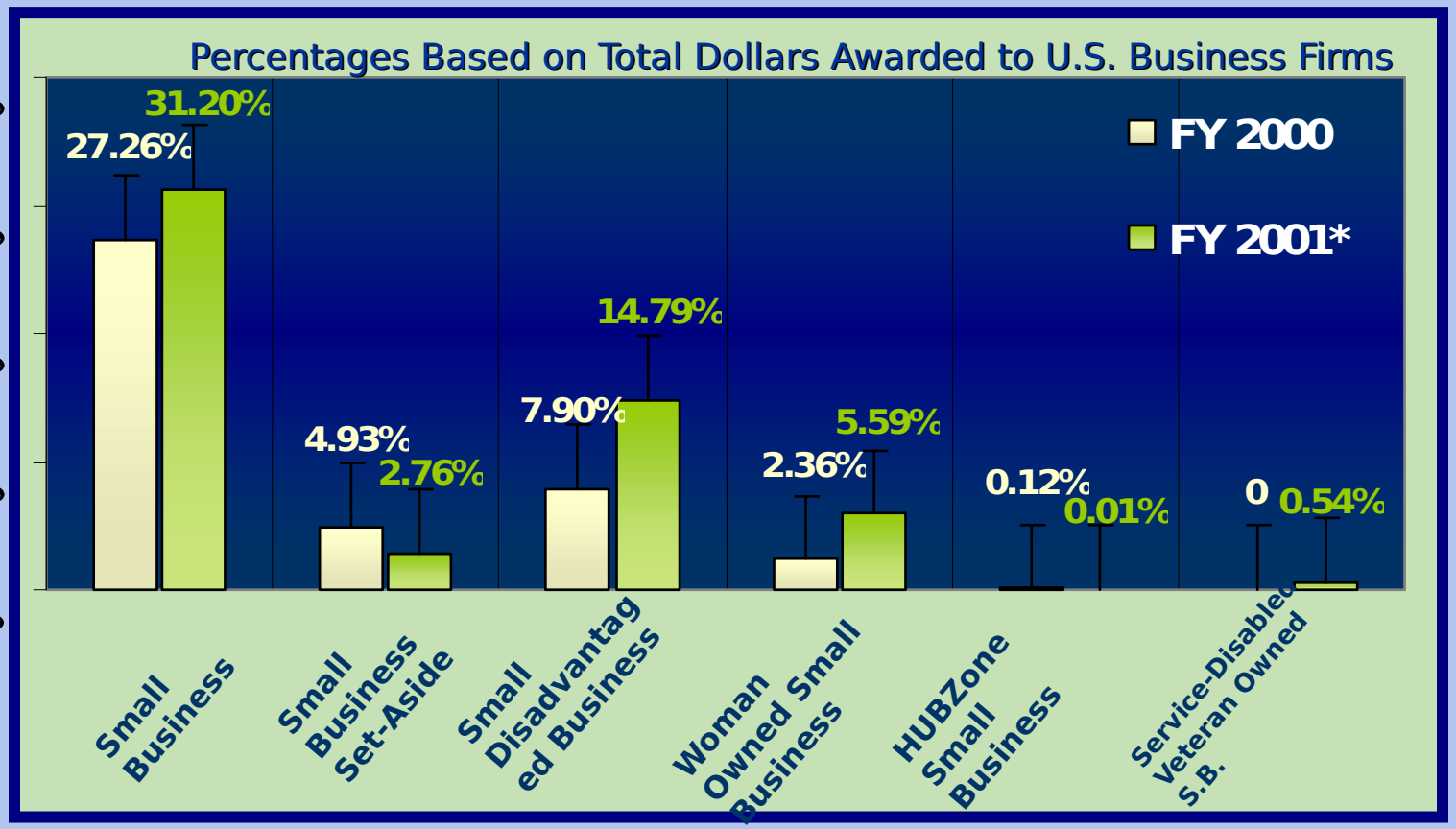
Small Business Achievements



** Cumulative Percentage as of March 31, 2001 PMRS Report*

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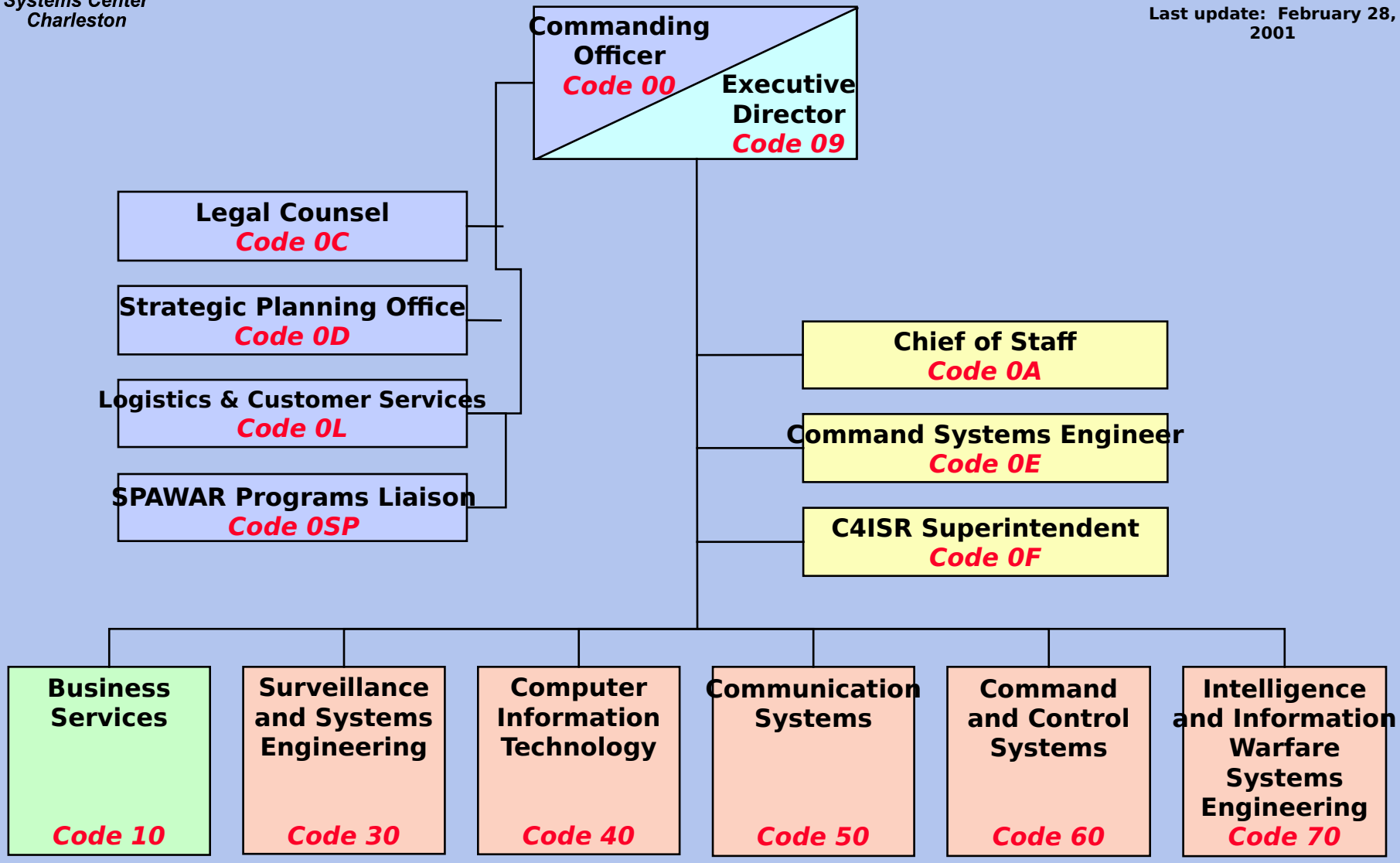
Organization

Last update: February 28, 2001



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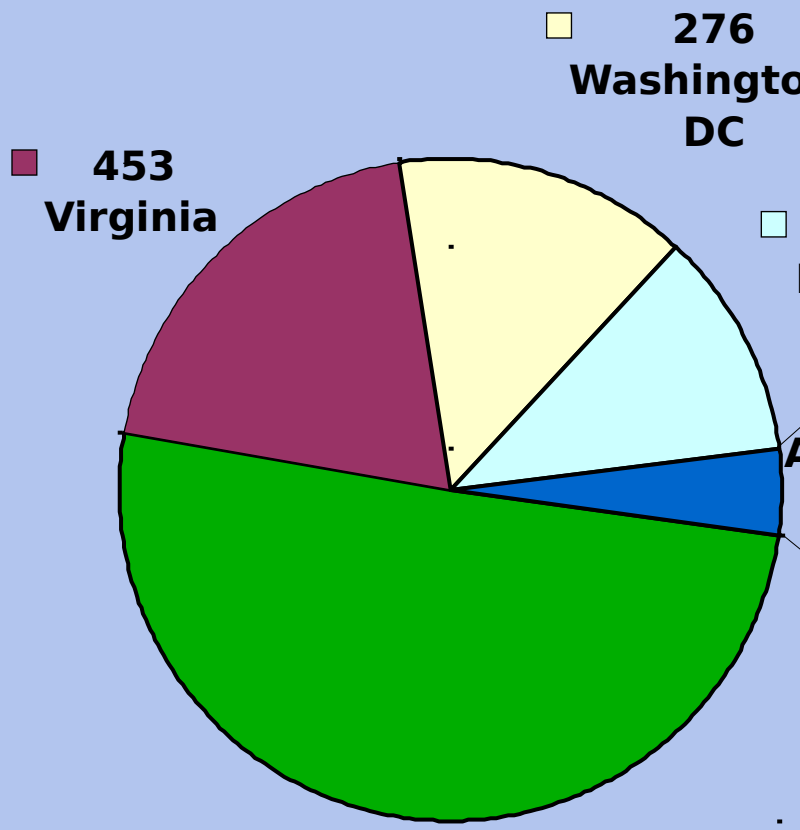
FY-01* Employee Statistics

Last update: June 30, 2001



24 Maryland
17 Texas
8 Rhode Island
8 California
8 N. Carolina
2 Maine
2 Georgia
2 Washington
2 Louisiana
1 Mississippi
1 N. Dakota
1 Oklahoma

Overseas

19 Germany
5 Italy
2 United Kingdom
1 Bahrain
1 Switzerland

EMPLOYEES: 2242 (Federal Civil Service)
30 (Military)

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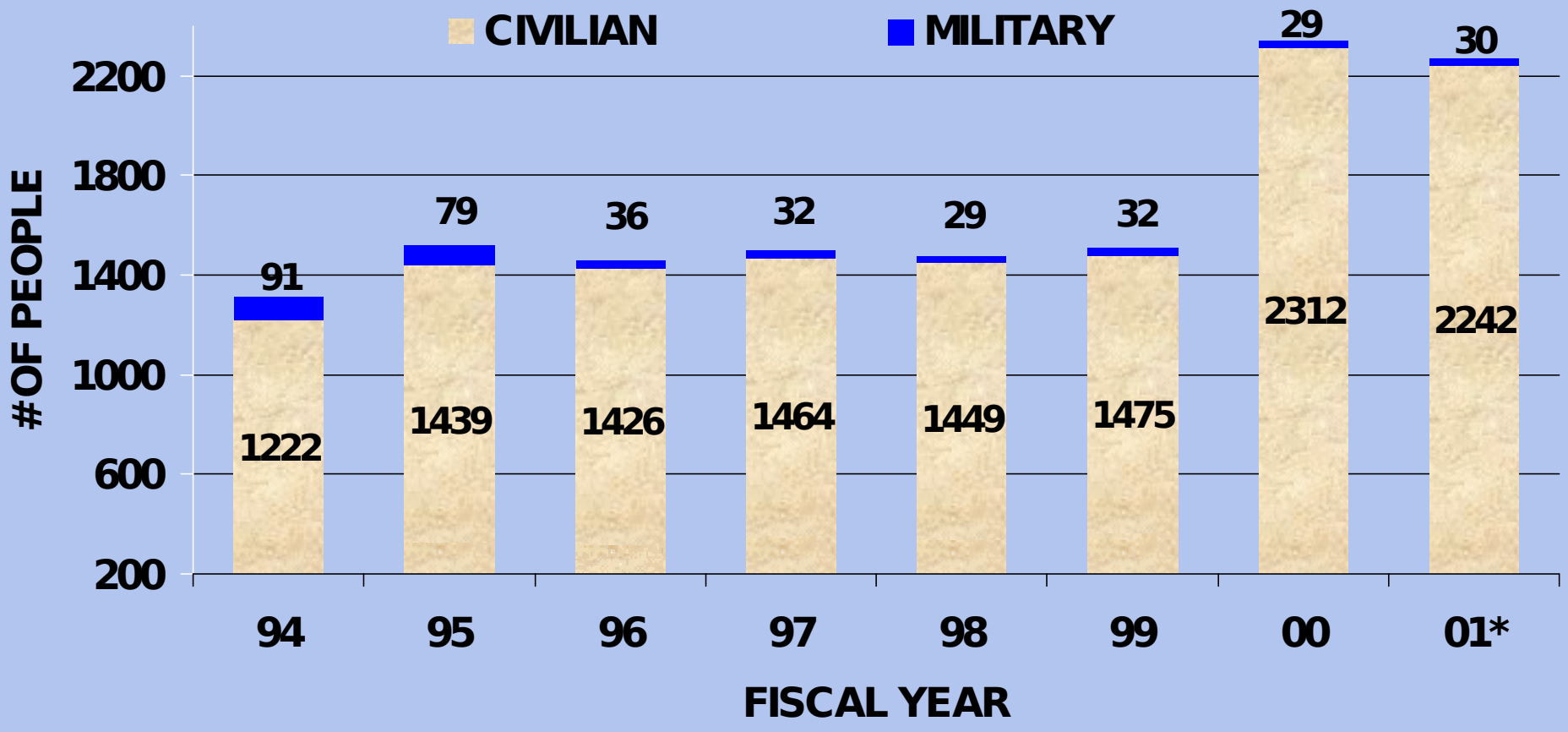
End Strength



*As of June 30, 2001

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Partnerships with the Community

- Member of Trident Chamber of Commerce
- Co-sponsor of Annual Math, Science & Technology (MaST) Program with the AFCEA
- Educators and Industry Program
- Participate in Middle & High School Career & Science Fairs
- Gregg Middle School Mentoring Program - Received a Southeast Region Community Service Award for the year 2000.
- Garrett Academy Science and Math Mentoring Program

Computers for School Program

Ground Hog Job Shadow Day

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Recruitment/New Hires

Last update: December 31, 2000

- **Recruitment**
  - 80 Hires in 2000 (Engineers and Scientists)
  - 17 Applications in process (current year)

- **Student Career Experience Program (CY 2000 Co-ops)**
  - 23 Students currently participating

- **Student Temporary Employment Program (CY 2001)**
  - 18 Students currently participating

- **Recruiting Trips Planned (CY 2001)**

Clemson University
College of Charleston
Florida A & M
Florida State
Georgia Institute of Technology
George Mason University
George Washington University
North Carolina State University
North Carolina Agricultural & Technical State University
Old Dominion University
The Citadel
Trident Technical College (2 plus 2)
University of Central Florida
University of Florida
University of South Florida
University of Maryland
University of South Carolina
Virginia Polytechnic Institute

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Charleston
Our
Commitment
The Satisfaction of Our
Customers
Enhanced Fleet Combat
Readiness
Excellence Through Teamwork
Leading The 21st Century